Secrets
ABAP
Apex
C
C++
CloudFormation
COBOL
C#
CSS
Flex
Go
HTML
Java
JavaScript
Kotlin
Kubernetes
Objective C
PHP
PL/I
PL/SQL
Python
RPG
Ruby
Scala
Swift
Terraform
Text
TypeScript
T-SQL
VB.NET
VB6
XML

HTML static code analysis

Unique rules to find Bugs, Security Hotspots, and Code Smells in your HTML code

All rules 65 | Bug 24 | Security Hotspot 3 | Code Smell 38

Tags

Search by name...

Table cells should reference their headers
Bug

Tables used for layout should not include semantic markup
Bug

Tables should have headers
Bug

"<html>" element should have a language attribute
Bug

<script>...</script> elements should not be nested
Bug

"<th>" tags should have "id" or "scope" attributes
Bug

"<title>" should be present in all pages
Bug

"<!DOCTYPE>" declarations should appear before "<html>" tags
Bug

Elements deprecated in HTML5 should not be used
Bug

HTML "<table>" should not be used for layout purposes
Code Smell

"aria-label" or "aria-labelledby" attributes should be used to differentiate similar elements
Code Smell

Videos should have subtitles
Code Smell

<script>...</script> elements should not be nested

Analyze your code

Bug Major

When parsing a script node, the browser treats its contents as plain text, and immediately finishes parsing when it finds the first closing `</script>` character sequence.

As a consequence, nested script nodes are not possible, because all opening `<script>` tags found along the way are ignored.

Web browsers doesn't support nested `<script>...</script>` elements. But there is no error in such case and browsers just close the first encountered `<script>` tag as soon as a closing `</script>` tag is found along the way. So there is a big chance to display something totally unexpected to the end-users.

Noncompliant Code Example

```
<script type="text/template">
  <div>
    Hello!
  </div>
  <script type="text/javascript">  <!-- Noncompliant -->
    alert("Hi!");
  </script>
</script>
```

Compliant Solution

```
<script type="text/javascript">
  alert("Hi!");
</script>

<script type="text/template">
  <div>
    Hello!
  </div>
</script>
```

Available In:

sonarlint | sonarcloud | sonarqube

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Attributes deprecated in HTML5 should not be used

☢ Code Smell

Sections of code should not be commented out

☢ Code Smell

Track uses of "FIXME" tags

☢ Code Smell

Meta tags should not be used to refresh or redirect

☢ Code Smell

Links should not directly target images

☢ Code Smell

"" and "" tags should be used

🐞 Bug

"<li>" and "<dt>" item tags should be in "<ul>", "<ol>" or "<dl>" container tags

🐞 Bug

Server-side image maps ("ismap" attribute) should not be used

🐞 Bug

"<frames>" should have a "title" attribute

🐞 Bug

"<fieldset>" tags should contain a "<legend>"

🐞 Bug

Flash animations should be embedded